

## Abrasion-resistant fluoro polymer mixtures.

Patent Number: EP0633291  
Publication date: 1995-01-11  
Inventor(s): SCHECKENBACH HELMUT (DE); SCHLEICHER ANDREAS DR (DE); JANSEN BERND (DE); KULPE JUERGEN DR (DE); NEUMANN WOLFGANG (DE)  
Applicant(s): HOECHST AG (DE)  
Requested Patent: EP0633291, B1  
Application Number: EP19940110401 19940704  
Priority Number (s): CN19940108243 19940713; DE19934323121 19930710; US19970824340 19970326  
IPC Classification: C08L27/12; B29D23/00; F16C1/26  
EC Classification: F16C33/20B, B29C47/00B2, C08L27/12, F16C1/26  
Equivalents: CN1083464B, CN1098118, DE4323121, JP7166018, MX9405237  
Cited Documents: EP0199991; EP0356948; JP60038465

### Abstract

Abrasion-resistant fluoropolymer mixture comprising (A) from 75 to 99% by weight of a fluorocarbon polymer (B) from 1 to 25% by weight of an oxidised polyarylene sulphide and, based on the sum (A) + (B), (C) from 0 to 15% by weight of a filler. The mixture is used for the production of lining tubes for Bowden cables which are pressure-resistant and abrasion-resistant.

Data supplied from the esp@cenet database - I2

12 (1+2,5)  
13 Not

# TRANSFER MEMBER, ITS PRODUCTION AND IMAGE FORMING DEVICE

Patent Number: JP2000284611  
Publication date: 2000-10-13  
Inventor(s): KOBAYASHI HIROYUKI  
Applicant(s): CANON INC  
Requested Patent: JP2000284611  
Application Number: JP19990091913 19990331  
Priority Number(s):  
IPC Classification: G03G15/16; C08K7/02; C08L27/12; C08L81/02; C08L101/04  
EC Classification:  
Equivalents:

## Abstract

**PROBLEM TO BE SOLVED:** To obtain a transfer member having high transfer efficiency by incorporating fluorine-containing polyphenylene sulfide resin into a transfer member cylindrically formed by melt extrusion.  
**SOLUTION:** The transfer member obtained by cylindrically extruding a molding material and molding it in the desired shape and size contains fluorine-containing polyphenylene sulfide resin. Polyphenylene sulfide resin containing fluorine atoms in its skeleton or a polymer alloy of a fluoropolymer and polyphenylene sulfide resin may be used as the fluorine-containing polyphenylene sulfide resin. The polymer alloy has inseparably integrated macromolecules of the fluoropolymer and polyphenylene sulfide resin and is obtained independently of reaction steps, production steps and the final state of macromolecules. The polymer alloy includes a copolymer of the fluoropolymer and polyphenylene sulfide resin, e.g. an alternating or random copolymer or the like.

Data supplied from the esp@cenet database - I2